



12” EcoWattle Original Specifications - PE Netting

Size: 12” Diameter, 10’ lengths

Weight: 9 - 11 lbs per linear foot

Filler: The fill material / filter media is biodegradable, natural wood chips. Species can include varieties of Maple, Birch, Ironwood, Dogwood, Persimmon, Redbud, Water Locust, Beech, Oak, Sweetgum, Hickory, Pecan, Mulberry, Ash, Redgum, Sycamore, Pine and others.

The wood is ground and filtered to particular specifications. The sizes of the biodegradable wood mulch pieces are determined so as to be large enough to create air space for water flow-through, yet small enough to maintain sufficient filtration levels, wattle flexibility and to facilitate proper wattle filling. Insects, fungi and bacteria assisted by heat, sun, moisture, freezing and thawing break down mulch; decomposition increases the organic material in the soil.

Netting: The netting is manufactured to be tubular and does not require stitching. It has sufficient tensile strength such that a 12” x 10’ EcoWattle can be lifted at the ends or any point without failure by the netting. The holes on the netting are small enough to prevent more than an acceptable rate of mulch falling through the netting during transportation, installation and use. The UV degradable netting becomes brittle beyond its design life, with ambient heat and oxygen breaking it into small fragments. These fragments are further broken down until they are digestible by microbes in a second stage of degradation.

Manufacturing Process: Extrusion
Material: PE Resin / Black
Tensile Strength (kg): 27+/- 2
Approximate Life: 36 – 48 months

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